This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An illumination device comprising ~~a~~ an elongate transparent member of a material having substantially total internal reflection of light, an LED light source located at least at one end or edge of the transparent member to pass light into and along the member by primary diffusion of the light, a second elongate member arranged in superimposed relationship with the elongate transparent member thus to define a gas space therebetween;

characterised in that the width of the gas space is about 2mm and the transparent member is adapted, in use, to function as a leaky wave guide allowing light to escape into the gas space for secondary diffusion therein, and in that the second elongate member is of a translucent but not transparent material thus being adapted to diffuse and be illuminated by the secondarily diffused light.

2. (Previously Presented) An illumination device according to claim 1 wherein the member is a rod, and the second elongate member is a tube surrounding the rod and defining the gas space therebetween.

3. (Previously Presented) An illumination device according to claim 1 wherein the elongate transparent member has an undulating surface.

4. (Original) An illumination device according to claim 2 wherein the rod is of circular cross-section.

5. (Cancelled)

6. (Previously Presented) An illumination device according to claim 1 wherein the LED light source comprises separate light sources disposed at opposite ends respectively of the elongate transparent member.

7. (Previously Presented) An illumination device according to claim 1 including a reflector disposed on a part of the surface of the elongate transparent member.

8. (Previously Presented) An illumination device according to claim 1 including a reflector disposed on a part of the surface of the second elongate member, facing the elongate transparent member.

9. (Previously Presented) An illumination device according to claim 1 wherein the first elongate member is of an acrylic or polycarbonate material.

10. (Previously Presented) An illumination device according to claim 1 wherein the second elongate member is of an acrylic or polycarbonate material.

11. (Previously Presented) An illumination device according to claim 1 wherein the transparent member has a surface formation comprising at least one region of striation on the surface of the elongate transparent member.

12. (Previously Presented) An illumination device according to claim 11 wherein, in a central region between the ends of the elongate transparent member, the striation is of increased magnitude.

13. (Previously Presented) An illumination device according to claim 1 including support means provided in the gas space to maintain a predetermined spatial relationship between said members.

14. (Previously Presented) An illumination device according to claim 7 wherein the reflector is provided by co-extrusion with the second elongate member thus to lie flush with an internal surface thereof.

15. (Previously Presented) An illumination device according to claim 8 wherein the reflector occupies about one quarter of the extent of the surface of the second elongate member on which it is disposed.

16. (Previously Presented) An illumination device according to claim 11 wherein the striation comprises a plurality of V-shaped striations cut in the surface of the elongate transparent member to a depth of between 0.5 and 1mm and of a similar width, the V-shaped striations thus created extending at least substantially throughout the length of the elongate transparent member and spaced apart around at least a part of the extent of the surface thereof.

17. (Previously Presented) An illumination device according to claim 12 wherein striation of increased magnitude is provided by additional striations occupying less

than the overall length of the elongate transparent member thus to concentrate light output in a region of the device furthest from the light source.